

FLIR IP™

DNR700 SERIES

4K High Definition NVR



DNR7082 (NTSC model)
8 Channels, 8 PoE+ Support, 320Mbps, 2TB HDD

DNR7162 (NTSC model)
16 Channels, 16 PoE+ Support, 320Mbps, 2TB HDD

DNR7332 (NTSC model)
32 Channels, 16 PoE+ Support, 320Mbps, 2TB HDD



FLIR's DNR700 Series NVRs further accelerate high definition recording, offering higher capacity 320 Mbps processing for real-time recording with cameras up to 8MP (4K). With eight/sixteen integrated Power over Ethernet (PoE) inputs and PoE+ support, installation is made simple. No programming or configuration is necessary as the NVR automatically discovers FLIR IP Cameras on the network. Plus, drive mirroring enables back-up recordings to the second internal hard disk drive to keep data secure.

HIGH PERFORMANCE VIDEO PROCESSING

Smooth video recording up to 4K resolution

- 320Mbps network bit rate (48~8192 kbps/ch)
- Supports high definition recording with cameras up to 8MP (4K)
- Pentaplex Operation – simultaneous view, record, playback, backup & remote monitoring

EASY INSTALLATION

Integrated PoE inputs for quick, convenient connection

- 8/16 integrated PoE ports with PoE+ support (25W per channel)
- ONVIF 2.4 conformance
- Auto-discovery of FLIR IP Cameras with no programming

REDUNDANT RECORDING

Back-up to keep data secure

- Drive mirroring to second internal HDD
- Supports 2x SATA HDDs up to 6TB (12TB total)
- Instant back-up via 2x USB 2.0 ports

FLIR CLOUD™ – QUICK & SECURE REMOTE VIEWING

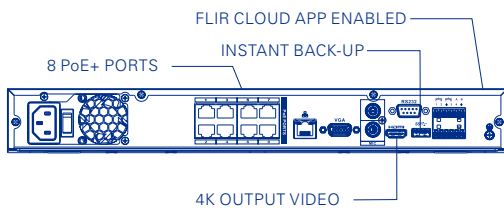
Remote access via iOS, Android, PC / Mac with FLIR Cloud™

- Set up remote viewing in three easy steps: install FLIR Cloud™ app, scan QR code on NVR, view live video
- Multisite viewing on FLIR Cloud™ CMS for PC / Mac

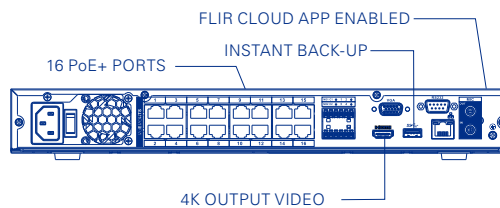
Specifications

NVR Specifications	DNR7082/P	DNR7162/P	DNR7322/P
System			
Operating System	Linux (embedded)		
Pentaplex	Simultaneous view, record, playback, backup & remote monitoring		
Number of Channels	8 Channels	16 Channels	32 Channels
Inputs/Outputs			
Video IN	8 PoE Video Inputs	16 PoE Video Inputs	16 PoE Video Inputs
Video OUT	No		
VGA OUT	Yes		
HDMI	Yes		
Audio IN	1 Line IN (RCA) for service only		
Audio OUT	1 Line OUT (RCA) for service only		
USB Port	1 at the back, 1 at the front		
Alarm IN	4 Alarm IN		
Alarm OUT	2 Alarm OUT		
Video Output Resolution	3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768		
PTZ Control	FLIR IP PTZ cameras only		
Display			
Live Display	1,4,8	1,4,8,9,16	1,4,8,9,16,25,36
Live Display Speed	240fps NTSC, 200fps PAL	480fps NTSC, 400fps PAL	960fps NTSC, 800fps PAL
OSD	ON/OFF		
System Navigation	USB mouse, IR remote controller, front panel buttons		
Motion Area Setting	Fixed grid (22x18)		
Sensitivity Levels	100		
Firmware Upgrade	Automatic over the Internet & via USB device and network		
User Authority	By user group		
Time Synchronization	Auto time sync by NTP server		
Recording			
Video Compression	H.264 / H.265		
Audio Compression	G.711		
Recording Resolution	720p (1280x720), 1080p (1920x1080) ~ 4K-8MP (3840x2160)		
Record Rate	8ch: 240fps@720p/1080p/3MP/4MP/8MP, 16ch: 480fps@720p/1080p/3MP/4MP/8MP, 32ch: 960fps@720p/1080p/3MP/4MP/8MP		
Recording Quality Control	6 levels		
Recording Schedule	By hour, by day, by recording mode, by motion, by alarm, by channel		
Pre Recording	Max. 4 Seconds		
Post Recording	Max. 5 Minutes		
Reliability	Watch-Dog, auto-recovery after power failure		
Covert Video	Yes		
Playback			
Playback Channel	1/4/8		
Playback Speed	Variable Max 16x		
Playback Players	Backup Player		
Search	By time & event		
Log Search	Up to 1,000 lines for motion detected, configuration changes, connects/disconnects and video loss		
Audio Play	Yes (audio camera required)		
Storage & Archive			
Storage	Up to 2 HDDs (SATA)		
Maximum Capacity	Up to 2x6TB		
Backup Media	USB flash drive & HDD		
Backup File Format	DAV or ASF file		

8 Channel



16/32 Channel



Specifications

NVR Specs Cont.	DNR7082/P	DNR7162/P	DNR7322/P
Connectivity			
Cloud Connection	FLIR Cloud™		
Supported Operating Systems	Windows™, Mac OSX		
Remote Software	Client Software (PC/Mac)		
Email Notification	Text with snapshot		
Instant Smart Phone & Tablet Support	Android™, iPad®, iPhone®		
DDNS	Free FLIR DDNS		
System Configuration	Full setup configuration over network		
Ports	Programmable by User		
Network Protocol	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter		
Network Bit Rate	320Mbps total, 48~8192kbps per camera		
Network Interface	10/100/1000-Base-TX, RJ-45		
NVR General Information			
Power Consumption	Approx. 15W (No HDD Installed)		
Supply Voltage	100VAC-240VAC, 50/60Hz		
Total PoE Power Output (across all channels)	130W (Max 25W per camera)		
Unit Weight	5.1lbs / 2.6kg	13.2lbs / 2.7kg	
Dimensions (W x H x D)	14.7 x 12.9 x 2.1" / 3765x 327 x 53mm		
Operating Temperature	14° ~ 131° F / -10° ~ 55° C		
Humidity	10 ~ 90% RH		

Recording Resolution [Pixels] & Maximum Speed [FPS - Frames per Second]						
Model	FPS	720P 1280x720	1080P 1920x1080	3MP 2048x1536	4MP 2688x1520	4K 3840x2160
8ch	Total	240	240	240	240	240
	Per channel	30	30	30	30	30
16ch	Total	480	480	480	480	480
	Per channel	30	30	30	30	30
32ch	Total	960	960	960	960	960
	Per channel	30	30	30	30	30

Ordering Information

DNR7080:	8 channels (NTSC), No HDD	8-41430-01495-9
DNR7082:	8 channels (NTSC), 2TB HDD	8-41430-01496-6
DNR7083:	8 channels (NTSC), 3TB HDD	8-41430-01747-9
DNR7084:	8 channels (NTSC), 4TB HDD	8-41430-01748-6
DNR7086:	8 channels (NTSC), 6TB HDD	8-41430-01749-3
DNR7088:	8 channels (NTSC), 8TB HDD	8-41430-01750-9
DNR70812:	8 channels (NTSC), 12TB HDD	8-41430-01751-6
DNR7160:	16 channels (NTSC), No HDD	8-41430-01497-3
DNR7162:	16 channels (NTSC), 2TB HDD	8-41430-01498-0
DNR7163:	16 channels (NTSC), 3TB HDD	8-41430-01752-3
DNR7164:	16 channels (NTSC), 4TB HDD	8-41430-01753-0
DNR7166:	16 channels (NTSC), 6TB HDD	8-41430-01754-7
DNR7168:	16 channels (NTSC), 8TB HDD	8-41430-01755-4
DNR71612:	16 channels (NTSC), 12TB HDD	8-41430-01756-1
DNR7320:	32 channels (NTSC), No HDD	8-41430-01499-7
DNR7322:	32 channels (NTSC), 2TB HDD	8-41430-01500-0
DNR7323:	32 channels (NTSC), 3TB HDD	8-41430-01757-8
DNR7324:	32 channels (NTSC), 4TB HDD	8-41430-01758-5
DNR7326:	32 channels (NTSC), 6TB HDD	8-41430-01759-2
DNR7328:	32 channels (NTSC), 8TB HDD	8-41430-01760-8
DNR73212:	32 channels (NTSC), 12TB HDD	8-41430-01761-5

Package Dimensions

DNR700 Series: 18.5 x 16.7 x 6.9" / 470mm x 424mm x 175mm

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